

Base strip - MSTBO 2,5/ 2-G1R THRR32 BK - 2200252

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Assembly: Taped SMD/THT/THR components

Product Features

- For ME/ME MAX electronics housing
- 2, 3, and 4-pos.
- Plug-in direction orthogonal to the PCB
- 5 mm pitch
- Orthogonal headers for through hole reflow process
- Made from high-temperature-resistant polyamide for use in lead-free soldering processes.
- Supplied taped as standard, in bulk as an option
- Integrated suction surface



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 1 |
| Minimum order quantity | 230 1 |
| Weight per Piece (excluding packing) | 3.39 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|---------|
| Pitch | 5 mm |
| Dimension a | 5 mm |
| Pin dimensions | 1 x 1 |
| Pin spacing | 5.00 mm |
| Hole diameter | 1.6 mm |

Base strip - MSTBO 2,5/ 2-G1R THRR32 BK - 2200252

Technical data

General

| | |
|---|----------------------|
| Range of articles | MSTBO 2,5/..-G1R-THR |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 16 A |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Number of positions | 2 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 34131203 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Base strip - MSTBO 2,5/ 2-G1R THRR32 BK - 2200252

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

| | | |
|--|-------|-------|
| UL Recognized  | | |
| | B | D |
| Nominal current I _N | 16 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| Nominal current I _N | 16 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | |
|--|--|--|
| cULus Recognized  | | |
|--|--|--|

Accessories

Accessories

Coding element

Base strip - MSTBO 2,5/ 2-G1R THRR32 BK - 2200252

Accessories

Coding section - CR MSTBO-G1 - 2199618



Coding section

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Flange

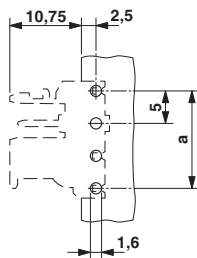
Accessories - MSTB-BF - 1759981



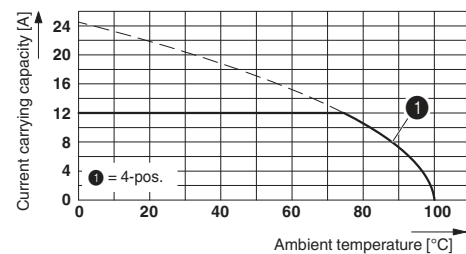
Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

Drawings

Drilling diagram

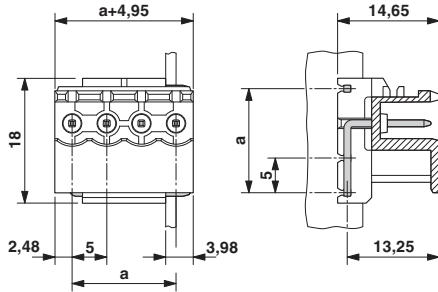


Diagram

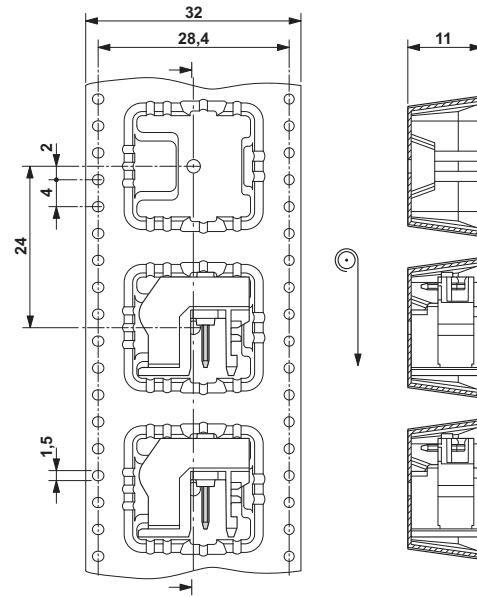


Base strip - MSTBO 2,5/ 2-G1R THRR32 BK - 2200252

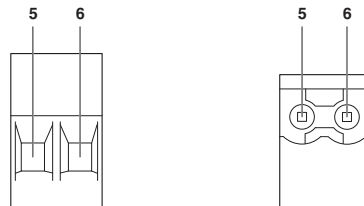
Dimensioned drawing



Dimensioned drawing



Schematic diagram



Pin assignment right